

MENU

SEARCH

INDEX

1/1



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## PATENT ABSTRACTS OF JAPAN

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(71)Applicant:

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(54) RESIDENT DATA CONTROLLER FOR CACHE MEMORY

(57)Abstract:

**PURPOSE:** To effectively utilize a cache memory by automatically making data management information in a filing system resident on the cache memory corresponding to an access frequency.

**CONSTITUTION:** In the case of the reading processing of data, when the read data are present in a magnetic disk 18 working as the cache memory, a controller 12 transfers the data read from the magnetic disk 18 to a host computer 10. On the other hand, when the read data are not present in the magnetic disk 18, the controller 12 reads the data from the optical disk 16 of an automatic changer 14 to be transferred to the host computer 10. In this case, when the access frequency of management information data managed by the controller 12 exceeds a certain fixed value, the controller 12 writes the data read from the optical disk 16 in the magnetic disk 18.

